

**Low-Maintenance Landscaping Design Contest  
Application  
Entry Deadline – June 30, 2005**

**Name:** Barbara Berman

**City:** Louisville      **State:** KY      **Zip:** 40204

**County:** Jefferson

**Category:** Mixed, Homeowner

**Has the design been implemented? 1/6<sup>th</sup> (part of front yard; vegetable garden in back)**

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**Size of Landscaped Area (Square Feet) 8,250 sq ft**

**Did you list two alternative plants for every plant selected for your landscape design? Yes**

**Are at least 50% of the plants native to the region? Yes**

**What source did you use to determine what is native?**

**Wildflowers and Ferns of Kentucky, by Tom Barnes**

**Trees and Shrubs of Kentucky, by Mary Wharton and Roger Barbour**

**Shooting Star Nursery catalog**

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**Are any invasive plants used as listed by the KY Exotic Pest Plant Council? No**

**Are you a professional garden designer or a professional landscape architect? No**

Entry Number 11

Low Maintenance Landscaping Design Contest  
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List the characteristics of the lot to be used for the design selected:

The front yard is flat, but the rear slopes at about a 5% grade.

Established Neighborhood

Orientation to sun: Exactly North-South. The front yard is 40% shaded, the rear, 20%.

Existing landscaping plants/trees:

Front: Taxus (yew), Zelkova (and Cornus florida (Flowering Dogwood)

Side: Cercis canadensis (redbud) and Ilex opaca)

Back: Acer (Silver Maple) and Cercis canadensis (Redbud)

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Describe the history physical and mineral characteristics of the soil: House and yard were established in 1923. Clay soils over limestone bedrock, amended with compost and leaf mold for past 24 years. Compost pile was built by the property's first owner (the builder). (I am the third owner.) He, the second owners and I were avid gardeners.

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Have you had the soil tested? Not recently, but will do so again soon. Soil pH? What soil amendments (fertilizers, compost, etc.) will be needed for growing chosen plants? Compost, composted manure and osmocote

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Why did you regard this landscape as low-maintenance? There is very little lawn, I have used mostly native plants, which require less watering, and have chosen species that will not spread excessively. The rain garden will capture and use runoff, instead of allowing it to further flood storm sewers.

List maintenance equipment, techniques, and the estimated amount of time needed for weekly maintenance. During the growing season, I use an electric mower (and have for 24 years) for 15 minutes/wk, and weed and deadhead for an average of 90 minutes/wk.

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Estimated watering needs per 21 day drought (hours of watering with one hose): Except for the vegetable garden, which would get one-inch per week via soaker hose, the rest of the yard would get no auxiliary watering after the new plantings are established.

List any chemical applications required: None

**Estimated retail cost of: Plants \$1600 Soil amendments \$10 (available from friend's farm) Grading \$0 Tilling \$0 Other \$60 (garden fabric, rain garden piping, etc.**

**List estimated cost of all landscaping materials: \$1670 approx**

**List the plants to be used, including common name, botanical name\* and price. Use separate sheets for alternate plants, with consistent numbering. Cost for alternative plants need not be listed, nor kept to a certain dollar amount.**

#	Common Name	Botanical Name	Native/Cultivar	Cost
1	Sourwood	Oxydendron arboreum	Native	\$75
2	Fothergilla 'Mt Airy'	Fothergilla gardenii	C	\$30
3	Hydrangea Various	Hydrangea	N and C	\$0 have
4	American Elm 'Liberty'	Ulmus Americana	C	\$75
5	Viburnum Various	Viburnum	Native	\$24
6	Sassafras	Sassafras albidum	Native	\$45
7	PawPaw	Asimina triloba	Native	\$45
8	Persimmon	Diospyros virginiana	Native	\$30
9	Pussy Willow	Salix discolor	Native	
10	Fragrant Sumac	Rhus aromatica	Native	\$24
11	Buttonbush	Cephalanthus	Native	\$24
12	Coralberry	Symphoricarpos orbiculatus	Native	\$21
13	Spicebush	Lindera benzoin	Native	\$30
14	Strawberry-bush	Euonymus americanus	Native	\$18
15	Deciduous Holly	Ilex deidua	Native	\$30
16	Shrubby St. John-s-wort	Hypericum spathulatum	Native	\$21
17	Herbs – mint, sage, lavender, thyme, rosemary, oregano, marjoram, chives		C	\$0 (have)
18	River Oats	Uniola latifolis	Native	\$0 (have)
19	Mayapple	Podophyllum peltatum	Native	\$0 (have)
20	Wild Ginger	Asarum canadense	Native	\$0 (have)

#	Common Name	Botanical Name	Native/Cultivar	Cost
21	Christmas Fern	Polystichum acrostichoides	Native	\$0 (have)
22	Maidenhair Fern	Adiantum pedatum	Native	\$0 (have)
23	Celandine Poppy	Stylophorum dipyllum	Native	\$0 (have)
24	Virginia Bluebells	Mertisia virginiana	Native	\$15
25	Jack in the pulpit	Arisaema triphyllum	Native	\$15
26	Solomon's Seal	Polygonatum biflorum	Native	\$0 (have)
27	Bloodroot	Sanguinaria Canadensis	Native	\$27
28	Purple Phacelia	Phacelia bipinnatifida	Native	\$0 (have)
29	Wild Geranium	Geranium maculatum	Native	\$0 (have)
30	Columbine	Aquilegia Canadensis	N and C	\$12
31	Shooting Star	Dodecathaleon meadia	Native	\$18
32	Purple Coneflower	Echinacea purpurea	Native	\$0 (have)
33	Black eyed Susan	Rudbeckia hirta	Native	\$0 (have)
34	Daylilly various	Lillium?	N and C	\$0 (have)
35	Coreopsis	Coreopsis	N and C	\$0 (have)
36	Blue False Indigo	Baptisia australis	N	\$21
37	Ironweed	Veronia altissimo	N	\$12
38	Turtlehead	Chelone glabra	N	\$12
39	Cardinal flower	Lobelia cardinalis	N	\$12
40	Iris various	Iris	N and C	\$20
41	Swamp Milkweed	Asclepias tuberosa	N	\$12
42	Sundrops	Oenothera fruticosa	N	\$0 (have)
43	Obedient Plant	Physostegia virginiana	N	\$0 (have)
44	Daisies		N	\$0 have
45	Bottlebrush Grass	Elymus hystrix	N	\$0 (have)
46	Butterfly Bush		C	\$0 (have)